

ABSTRACT

An Ethernet Automatic Protection Switching (APS) Bridge Selector is provided for supporting SDH/SONET APS standard functionality in Ethernet Networks. In accordance with one embodiment, an Ethernet APS Bridge Selector is provided for bridge, selector, and switchover functionality for a plurality of Physical Layer (PHY) hardware devices. The Ethernet APS Bridge Selector provides support for any Media Access Control (MAC) hardware to PHY interface/interconnect. The Ethernet APS Bridge Selector can be managed via interfaces, signals and/or control/register interfaces.

10